Item 4 SSM(B)

T BOOK

ensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8

I st and final Bill

Work Code No:- 006-19-000051

Est. Cost :- 20.00 lakhs.

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497423

erial No. Construction of culverts and Improvements of Drain
ame of Work at Hegdenagara, Thanisandra and Torapalya Surrounding area in
ame of Contractor of nature of Agency Ward No. 06 Byatarayana Pura Sub Division.
ate of commencement of work D.O Recording :- 18-11-2019

Date	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Work order No:-	BBMP/EE/BTP/WO/81/2019-20.					
	Name of Contractor	Sri. N. Manjunath No:1, Thirumenahalli Jakkur Post Yelahanka Hobli Bangalore. 560064.					
1	Earth work excavation by Manuals Means in Ordinary soil Soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed. the disposed earth						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	to be leveled neatly after breaking of clods Complete as Per Specifications.						
	As Per Pre Measurement Recorded Vide Page No 497479 To 497482 in this MB.						
	Rate: 118.85						
2	Providing and laying in position plain cement concrete of Mix M 1:4:8 with opc cement at 180 Kgs. with 40mm and down size graded granite metal coarse aggregates @ 0.892 Cum and fine aggregates @ 0.57 cum machine mixed. Concrete laid in layers not exceeding 15 cms. thick well compacted, In foundation and plinth. including cost of all materials. labour. HOM of					296.86 M3	35281

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Machinery. Curing C
	As Per Measur
	this MB.
	Rate. 4664.
3	Providing and Cons
	in foundation with
	Courses not less
	each Course Inclu
	Per Specifications.
	1) Sarai Palya Road
	Near HKGN Chk
	Sho

Item 4 SSM(15)

BOOK

s		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
of clods Complete as Per			
Vide Page No 497479 To			
n this MB.			35281.0
	296.86 M3		
n Cement Concrete of Mix			
s. With 40mm and down Size			
regates @ 0.892 Cum and			
mixed. Concrete laid in			
ell Compacted, In foundation			
aterials. labour. HOM of			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497424

erial No. .....
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Machinery. Curing Complete as per specification. As Per Measurement Recorded vide page No. 497482 To 497484 in this MB. Rate. 4664.50						
3	Providing and Constructing granite/trap/ basalt size Stone Masonry in Foundation with Cement mortar 1:6. Stone hammerd dressed in Courses not less than 20 cms high. bond stones at two M. apart in each Course Including cost of meterials. labour. Curing Complete as Per Specifications.						
	1) Sarai Palya Road Near HKGN Chicken Shop	2	5.30	0.50	0.50	2.65	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2) HMS Islamic school Road	2	5.95	0.50	0.50	2.98	
	3) —— " ——	2	6.20	0.50	0.50	3.10	
	4) R/S 4th cross	2	5.60	0.50	0.50	2.80	
	5) 3rd cross	2	5.80	0.50	0.50	2.90	
	6) L/S 4th cross	2	5.80	0.50	0.50	2.90	
	7) R/S 5th cross	2	5.20	0.50	0.50	2.60	
	8) L/S 5th cross	2	5.40	0.50	0.50	2.70	
	9) 6th cross	2	5.40	0.50	0.50	2.70	
	10) Baloon factory 2nd cross R/S	2	6.30	0.50	0.50	3.15	

28.48

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	11) L/S 2nd Cross
	12) R/S 3rd Cross
	13) L/S 3rd Cross
	14) 4th Cross
	15) 5th Cross
	16) 6th Cross
	17) 7th Cross

Item @ 4 SSM(B)

OK

Depth (6)	Contents 9.65 (7)	Reference to last Measurement (8)
0.50	2.98	
0.50	3.10	
0.50	2.80	
0.50	2.90	
0.50	2.90	
0.50	2.60	
0.50	2.70	
0.50	2.70	
0.50	3.15	

28.48

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497425

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date (1)	Full description, etc, of work (2)	Dimensions: Number (3)	Length (4)	Breadth (5)	Depth (6)	Contents 28.48 (7)	Reference to last Measurement (8)
	11) L/S 2nd Cross	2	5.50	0.50	0.50	2.75	
	12) R/S 3rd Cross	2	4.80	0.50	0.50	2.40	
	13) L/S 3rd Cross	2	5.30	0.50	0.50	2.65	
	14) 4th Cross	2	5.30	0.50	0.50	2.65	
	15) 5th Cross	2	6.15	0.50	0.50	2.77	
	16) 6th Cross	2	4.80	0.50	0.45	2.16	
	17) 7th Cross	2	5.90	0.50	0.45	2.66	18.04
						46.52	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	~~46.55~~	
1	2	3	4	5	6	7	8
	18) Inspir Public School Near	2	7.55	0.50	0.50	3.78	
	19) Fathima layout Main Road	2	10.00	0.50	0.50	5.00	
	20) Thuba lay out 3rd Cross Near Shabers House	2	11.45	0.50	0.50	~~5.73~~	
	21) — .. —	2	4.00	0.50	0.50	2.00	
	22) Thani Sandra near Kateramma Temple Road	2	9.30	0.50	0.50	4.65	
	23) — .. — 2nd cross	2	6.40	0.50	0.50	3.20	M3
						70.86	
	limited To Tender Qty					70.68	

24.36

Serial No. .....
Name of Work .....
Name of Contractor of nature of Ag
Date of commencement of work ....

Date	Full description, etc, of w
1	2
	Rat
14	Providing an Masonry in ba Chistle dresse Stones at two meterials. lab

Item @ 4 SSM(B)

OK

Depth 6	Contents 7	Reference to last Measurement 8
0.50	3.78	
0.50	5.00	
0.50	5.73	
0.50	2.00	
0.50	4.65	
0.50	3.20	
	70.86	M3
	70.68	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Rate : 4201.89					70.68 M3	296990.00
24	Providing and constructing granite/trap/basalt size stone Masonry in basement with cement Mortar 1:6 edges of stones Chistle dressed in courses not less then 15 cms high bond stones at two m apart in each course including cost of meterials. labour. Curing complete asper Specifications.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Sarai Palya HKGN Chikan Shop near.	2	5.30	0.45	0.45	2.15	
	2) HMS Islamic School near	2	5.95	0.45	0.45	2.41	
	3) HMS Islamic School Road	2	6.20	0.45	0.45	2.51	
	4) R/S 4th Cross	2	5.60	0.45	0.45	2.27	
	5) 3rd Cross	2	5.80	0.45	0.45	2.35	
	6) L/S 4th Cross	2	5.80	0.45	0.45	2.35	
	7) R/S 5th Cross	2	5.20	0.45	0.45	2.11	16.15

M.

erial No. .....

ame of Work .....

ame of Contractor of nature of Agency .....

ate of commencement of work .....

Date	Full description, etc, of work	Num
	2	
	8) L/S 5th Cross	
	9) 6th Cross	
	10) Baloon factory Road. L/S 2nd Cross	
	11) R/S 2nd Cross	
	12) L/S 3rd Cross	
	13) R/S 3rd Cross	
	14) 4th Cross	

	Contents 7	Reference to last Measurement 8
5	2.15	
45	2.41	
45	2.51	
45	2.27	
45	2.35	
45	2.35	
45	2.11	16.15

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497427

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	8) L/s 5th cross	2	5.40	0.45	0.45	2.19	
	9) 6th cross	2	5.40	0.45	0.45	2.19	
	10) Baloon factory Road. L/s 2nd Cross	2	6.30	0.45	0.45	2.55	
	11) R/s 2nd cross	2	5.50	0.45	0.45	2.23	
	12) L/s 3rd Cross	2	4.80	0.45	0.45	1.94	
	13) R/s 3rd Cross	2	5.30	0.45	0.45	2.15	
	14) 4th Cross	2	5.30	0.45	0.45	2.15	15.4
						31.55	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	31.55	
1	2	3	4	5	6	7	8
	15) 5th Cross C/F/L	2	6.15	0.45	0.45	2.49	
	16) 6th Cross	2	4.80	0.45	0.45	1.94	
	17) 7th Cross	2	5.90	0.45	0.45	2.39	
	18) Inspir Public School Near	2	7.55	0.45	0.45	3.06	
	19) Fathima layout Main Road	2	10.00	0.45	0.45	4.05	
	20) Tuba layout 3rd cross Near Shabers House	2	11.45	0.45	0.45	4.64	
	21) —"—	2	4.00	0.45	0.45	1.62	
	22) Thanisandra near Kateramma temple Road	2	9.30	0.45	0.45	3.77	
	23) —"— 2nd cross	2	6.40	0.45	0.45	2.59	26.55
						58.01 58.08	58.1

erial No. .....
ame of Work .....
ame of Contractor of nature of Agen
ate of commencement of work .....

Date	Full description, etc, of work
	2
	limited
	Rate: 5
5	Providing and
	and removal af
	beam haunching
	exceeding 1m
	As per measu
	limit
	Rate =

NT BOOK

mensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	31.55 7	8
	0.45	0.45	2.49	
0	0.45	0.45	1.94	
0	0.45	0.45	2.39	
5	0.45	0.45	3.06	
0	0.45	0.45	4.05	
5	0.45	0.45	4.64	
00	0.45	0.45	1.62	
0	0.45	0.45	3.77	
40	0.45	0.45	2.59	26.55
			58.08	58.1
			58.01	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497428

erial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	limited to Tender qty					53.01	265730.00
	Rate: 5012-83						
5	Providing and Removing centering. shuttering. Strutting. Propping etc.. and removal of from work for sides and soffits of beams. beam haunchings. Cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials.						
	As per measurement Recorded vide page on 497484 to 497488						
	limited To Tender qty					139.29 M2	
	Rate = 266.96						37185.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	[6] Providing and laying in position plain cement concrete of mix 1:3:6 with opc cement @ 220 kgs. with 20mm and down size graded granite metal coarse aggregates @ 0.84 Cum and fine aggregates @ 0.56 cum machine mixed. Concrete laid in layers not exceeding 15 cms. thick well compacted. In foundation. Plinth. and cills, including cost of all Materials. labour. Hom of Machinery. curing complete as per Specification.						
	1) Sarai Palya Road H.K.G N Chikan Shop Near.						
		2	5.00	0.45	0.15	0.68	
	Vent Portion	1	5.20	0.60	0.10	0.31	
	2) HMS Islamic School near	2	5.65	0.45	0.15	0.76	

erial No. .....
ame of Work .....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work
	2
	Vent Portion
	3) HMS Islamic School Road
	Vent Portion
	4) —"— 4th cross
	Vent Portion
	5) —"— 3rd cross
	Vent Portion
	6) —"— 4th cross

NT BOOK

mensions			Contents	Reference to last Measurement
h	Breadth 5	Depth 6	7	8
			ition plain cement Concrete of	
			220 kgs. with 20mm and down	
			rse aggregates @ 0.84 Cum and	
			machine mixed. Concrete laid in	
			thick well Compacted. In	
			including Cost of all Materials.	
			ring complete as per Specification.	
			ikan Shop Near.	
5.00	0.45	0.15	0.68	
5.20	0.60	0.10	0.31	
5.65	0.45	0.15	0.76	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497429

erial No. ..... From..... To.....

ame of Work .....

ame of Contractor of nature of Agency .....

ate of commencement of work .....

Date	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Vent Portion	1	5.85	0.60	0.10	0.35	
	3) HMS Islamic School Road	2	5.90	0.45	0.15	0.80	
	Vent Portion	1	6.10	0.60	0.10	0.36	
	4) —"— 4th cross	2	5.30	0.45	0.15	0.72	
	Vent Portion	1	5.50	0.60	0.10	0.33	
	5) —"— 3rd cross	2	5.50	0.45	0.15	0.74	
	Vent Portion	1	5.70	0.60	0.10	0.34	
	6) —"— 4th cross	2	5.50	0.45	0.15	0.74	

Cr 1.75

4.38

6.13

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	6.13	
1	2	3	4	5	6		8
	Vent Portion	1	5.70	0.60	0.10	0.34	
	7) —"— 5th cross	2	4.90	0.45	0.15	0.66	
	Vent portion	1	5.10	0.60	0.10	0.30	
	8) —"— 5th cross	2	5.10	0.45	0.15	0.69	
	Vent portion	1	5.30	0.60	0.10	0.31	
	9) —"— 6th cross	2	4.70	0.45	0.15	0.63	
	Vent portion	1	4.90	0.60	0.10	0.29	
	10) Baloon factory Road 2nd Cross	2	6.00	0.45	0.15	0.81	
	Vent portion	1	6.20	0.60	0.10	0.37	
	11) L/S 2nd Cross	2	5.20	0.45	0.15	0.70	
	Vent Portion	1	5.40	0.60	0.10	0.32	

5.42

erial No. .....
ame of Work .....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work	Num
	2	
	12) —"— 3rd Cross R/S	2
	Vent Portion	1
	13) —"— 3rd Cross L/S	2
	Vent Portion	1
	14) —"— 4th Cross	2
	Ventportion	1
	15) —"— 5th Cross	
	Vent Portion	
	16) —"— 6th Cross	
	Vent Portion	

IT BOOK

ensions Breadth 5	Depth 6	Contents 6.13	Reference to last Measurement 8
0.60	0.10	0.34	
0.45	0.15	0.66	
0.60	0.10	0.30	
0.45	0.15	0.69	
0.60	0.10	0.31	
0.45	0.15	0.63	
0.60	0.10	0.29	
0.45	0.15	0.81	
0.60	0.10	0.37	
0.45	0.15	0.70	
0.60	0.10	0.32	

5.42

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497430

erial No. .....
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 11.55 7	Reference to last Measurement 8
	12) —"— 3rd Cross R/S	2	4.50	0.45	0.15	0.61	
	Vent Portion	1	4.70	0.60	0.10	0.28	
	13) —"— 3rd Cross L/S	2	5.00	0.45	0.15	0.68	
	Vent Portion	1	5.20	0.60	0.10	0.31	
	14) —"— 4th Cross	2	5.00	0.45	0.15	0.68	
	Ventportion	1	5.20	0.60	0.10	0.31	
	15) —"— 5th Cross	2	5.82	0.45	0.15	0.79	
	Vent Portion	1	6.20	0.60	0.10	0.37	
	16) —"— 6th Cross	2	4.50	0.45	0.15	0.76	
	Vent Portion	1	4.70	0.60	0.10	0.28	

5.07

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	16.62	
1	2	3	4	5	6	7	8
	17) —"— 7th Cross Vent portion	2	5.60	0.45	0.15	0.76	
		1	5.86	0.60	0.16	0.35	
	18) Inspir public School Near Vent Portion	2	7.25	0.45	0.15	0.98	
		1	9.50	0.60	0.10	0.57	
	19) Fathima layout Main Road Vent portion	2	5.00	0.90	0.11	0.99	
		2	9.70	0.45	0.15	1.31	
		1	10.00	0.60	0.10	0.60	
	20) Tuba layout 3rd cross Vent Portion	2	11.45	0.45	0.15	1.55	
		1	15.00	0.60	0.10	0.90	
	21) —"— 3rd cross Near shabers House Vent Portion	2	3.70	0.45	0.15	0.50	
		1	5.00	0.60	0.10	0.30	
	22) Thanisandra Kateyamma Temple Vent portion	2	9.00	0.45	0.15	1.22	
		1	10.00	0.60	0.10	0.60	9.64

erial No. .....
ame of Work .....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work	Num
	2	
	23) Thanisandra Kateyamma Temple. 2nd Cross Vent Portion	2
		1
	limit	
	Rate: 4853.75	
F	Providing Flush Pointing Mortar 1:3. 20mm deep lining. Including cost Specifications.	

NT BOOK

ensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	16.67 7	8
	0.45	0.15	0.76	
	0.60	0.16	0.35	
5	0.45	0.15	0.98	
50	0.60	0.10	0.57	
0	0.90	0.11	0.99	
0	0.45	0.15	1.31	
00	0.60	0.10	0.60	
45	0.45	0.15	1.55	
00	0.60	0.10	0.90	
70	0.45	0.15	0.50	
00	0.60	0.10	0.30	
00	0.45	0.15	1.22	
.00	0.60	0.10	0.60	9.64

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497431

erial No. .....
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 26.26 7	Reference to last Measurement 8
	23) Thai Sandra Katerammal Temple. 2nd Cross	2	6.40	0.45	0.15	0.86	
		1	7.00	0.60	0.10	0.42	
	Vent Portion					28.53	M3
	limited to Tender Qty					28.27	1.28
	Rate: 4853.75						137215.51
7	Providing Flush Pointing to Coursed stone Masonry with cement Mortar 1:3. 20mm deep after raking Joints to dapth of 20mm nicely lining. Including cost of meterials. labour. Curing complete as Per Specifications.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) SaraiPalya Road HKGN Chikan shop Near.	2	5.00	0.45	—	4.50	
	2) HMS Islamic School Near	2	5.65	0.45	—	5.08	
	3) —"— Road	2	5.90	0.45	—	5.31	
	4) —"— 4th cross R/S	2	5.30	0.45	—	4.77	
	5) —"— 3rd cross	2	5.50	0.45	—	4.95	
	6) —"— 4th cross L/S	2	5.50	0.45	—	4.95	
	7) —"— 5th cross R/S	2	4.90	0.45	—	4.41	
	8) —"— 5th cross L/S	2	5.10	0.45	—	4.59	
	9) —"— 6th cross	2	4.70	0.45	—	4.23	
	10) Baloon factory 2nd cross	2	6.00	0.45	—	5.40	Lg 19

erial No. .....
ame of Work .....
ame of Contractor of nature of Agency ....
ate of commencement of work .....

ate	Full description, etc, of work
	2
	11) —"— 2nd cross
	12) —"— 3rd cross
	13) —"— 3r cross
	14) —"— 4th cross
	15) —"— 5th cross
	16) —"— 6th cross
	17) —"— 7th cross
	18) Inspir Public school Near

OOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
ary.			
45	—	4.50	
45	—	5.08	
45	—	5.31	
.45	—	4.77	
.45	—	4.95	
.45	—	4.95	
.45	—	4.41	
.45	—	4.59	
.45	—	4.23	
.45	—	5.40	48.19

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497432

erial No. .....
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	11) —"— 2nd cross	2	5.20	0.45	—	4.68	
	12) —"— 3rd cross	2	4.50	0.45	—	4.05	
	13) —"— 3r cross	2	5.00	0.45	—	4.50	
	14) —"— 4th cross	2	5.00	0.45	—	4.50	
	15) —"— 5th cross	2	5.85	0.45	—	5.26	
	16) —"— 6th cross	2	4.50	0.45	—	4.05	
	17) —"— 7th cross	2	5.60	0.45	—	5.04	
	18) Inspir Public school Near	2	7.25	0.45	—	6.52	38.6

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	19) Fathima lay out Main Road	2	9.70	0.45	—	8.73	
	20) Tuba lay out 3rd Cross	2	11.45	0.45	—	10.30	
	21) —"— Near Shabers House	2	3.70	0.45	—	3.33	
	22) Thanisandra Kateramma Temple Road	2	9.00	045	—	8.10	
	23) —"— 2nd Cross	2	6.40	0.45	—	5.76	
						36.82	
						123.01 M2	
	limited To Tender Qty					117.80 M2	
	Rate: 192.91						22724.79

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Date	Full description, etc, of work
	2
8	Providing and layi mix M20 with OP graded granite m aggregates @ 0.46 to is 9103-1999 re not exceeding 15 for footings. Ped thickness) In

T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
0.45	—	8.73	
0.45	—	10.30	
0.45	—	3.33	
045	—	8.10	
0.45	—	5.76	
		123.01 M2	
		117.80 M2	

36.22

22724.79

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497433

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ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
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Date	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
8	Providing and laying in position reinforced cement Concrete of Design mix M20 with opc cement @ 320kgs. with 20mm and down size graded granite metal Coarse aggregates @ 0.69 cum and fine aggregates @ 0.460 cum. with super plasticisers @ 3 liters Conforming to is 9103 - 1999 reaffirmed - 2008 Machine mixed Concrete laid in layers not exceeding 15 cms thick, Vibrated for all works in foundation for footings. Pedastals, reting walls. return walls. walls (any thickness) Including attached Pilasters. Columns Pillars.						

Item (8)

M.20

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Posts. Struts. buttresses. bed blocks. anchor blocks & Plinths etc.. including cost of all meterials. labour, Hire of Machinery. curing. Complete but excluding cost of reinforcement as per Specification,						
	1) Sarai Palya - -	1	5.00	1.20	0.23	1.38	
	2) HMS Islamic School Near CMFL	1	5.65	1.20	0.23	1.56	
	3) —— " ——	1	5.90	1.20	0.23	1.63	
	4) —" — 4th Cross	1	5.30	1.20	0.23	1.46	
	5) —" — 3rd Cross	1	5.50	1.20	0.23	1.52	
	6) —" — 4th Cross	1	5.50	1.20	0.23	1.52	
	7) —" — 5th Cross	1	4.90	1.20	0.23	1.35	10.49

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ate	Full description, etc, of work
	2
	8) —" — 5th Cross
	9) —" — 6th Cross
	10) Baloon factory 2nd Cross Road Ramp
	11) —" — 2nd Cro
	12) —" — 3rd Cros
	(3) —— " ——

T BOOK

ensions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
blocks, anchor blocks &			
ll meterials, labour, HOM of			
excluding cost of			
cation,			
1.20	0.23	1.38	
1.20	0.23	1.56	
1.20	0.23	1.63	
1.20	0.23	1.46	
1.20	0.23	1.52	
1.20	0.23	1.52	
1.20	0.23	1.35	10.49

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497434

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Date	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	8) —"— 5th cross	1	5.10	1.20	0.23	1.41	
	9) —"— 6th cross	1	4.70	1.20	0.23	1.30	
	10) Baloon factory 2nd cross Road	1	6.00	1.50	0.23	2.07	
	Ramp	2	6.00	1.00	Av 0.15	1.80	
	11) —"— 2nd cross	1	5.20	1.50	0.23	1.79	
	12) —"— 3rd cross	1	4.50	1.20	0.23	1.24	11.34
	13) —"—	1	5.00	1.50	0.23	1.73	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	14) —"— 4th cross	1	5.00	1.50	0.23	1.73	
	15) 5th cross	1	5.85	1.20	0.23	1.61	
	16) 6th cross	1	4.50	1.20	0.23	1.24	
	17) 7th cross	1	5.60	1.20	0.23	1.55	
	18) Inspir Public School	1	7.25	1.20	0.23	2.00	
	19) fathima layout Main Road	1	9.70	1.50	0.23	3.35	
	—"— Ramp	2	9.70	1.00	Av 0.20	3.88	
	20) Tubalayout 3rd cross Ramp	1	11.45	1.50	0.15	2.58	
		2	11.45	0.50	Av 0.20	2.29	
	21) —"—	1	3.70	1.20	0.23	1.02	

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ate	Full description, etc, of work
	2
	22) Thais Sand to Katera... Temple R...
	23) —"— 2nd Cross
	Rate: 5173.
9	Providing T.M.T ...
	Straightening . C...
	lapping and/or ...

BOOK

ons		Contents	Reference to last Measureme
Breadth 5	Depth 6	7	8
1.50	0.23	1.73	
1.20	0.23	1.61	
1.20	0.23	1.24	
1.20	0.23	1.55	
1.20	0.23	2.00	
1.50	0.23	3.35	
1.00	Av 0.20	3.88	
1.50	0.15	2.58	
0.50	Av 020	2.29	
1.20	0.23	1.02	

2.85

M. A. R. 57 (Rule 116)
Measurement Book

No. B 497435

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ate	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	22) Thai Sand ras Kateramu.	1	9.00	1.80	0.23	~~3.73~~	6.38
	23) —"— 2nd Cross Temple Road	1	6.40	1.80	0.23	~~2.65~~	
	(RF 26/11)					49.39	M3
	limited to Tender Qty					48.77	
	Rate: 5173.74						2.52323.29
9	Providing T.M.T steel reinforcement for R.C.C Work Including Straightening. cutting. bending. hooking. placing in Position. lapping and/or welding wherever required tying with binding						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	wire and anchoring to the adjoining members wherever necessary complete as per design (laps. hooks and wastage shall not be measured and Paid) Cost of Meterials, labour, Hom of machinery Complete as per Specifications, As Per Pre mesurement Recorded vide Page No. 497481 To 497490					3.976 MT	
	C/F C 2957.5 Rate: 64880.67 18/11/2019					2.57.965.5	
10	Loading and unloding of Stone boulders by manual Means Complete as per Specification. Qty vide ITEM NO 1 Rate: 52.11					296.86 M3	15469.0

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ate	Full description, etc, of work
	2
	CERTIFICATE :- Certifide that t

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ons		Contents	Reference to last Measuremer
readth 5	Depth 6	7	8
ning members wherever			
(laps. hooks and			
d Paid) Cost of Meterials,			
plete as per Specifications,			
ecorded vide Page No. 497488			
497490	3.976 MT	2.57.965.5	
ne boulders by Manual			
ation.			
No 1	296.86 M3	15469.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497436

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ate	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	CERTIFICATE :- Certifide that the aboue work done satisfactory. 18.11.2019 ಸಹಾಯಕ ಅಭಿಯಂತರರು ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ						

18/11/2019 ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	1st and final Bill						
	ಲೆಕ್ಕಶೀರ್ಷಿಕೆ 1771 ರಡಿ						
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. ~~1678900=00~~ 1678900=00 ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ.						
	ಇದರಲ್ಲಿ ರೂ. ~~81920=00~~ ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ						
	ಮಾಡಿಕೊಂಡು ರೂ. ~~1425484=00~~ 81920=00 ಗಳನ್ನು						
	1596980=00						
	FT/NEFT/RTGS ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ						
	ವಿಷಯ ನಿರ್ವಾಹಕರು						
	ಲೆಕ್ಕಾಧಿಕಾರಿಗಳು 26/11 ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃ.ಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು						
	ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು 26/11 ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃ.ಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು						
	BA - 14989 00=00					BA	1678900=00
	IT - 15000 =00					IT	17000=00
	GST - 13383 =00					GST	14910=00
	CGST - 13383 =00					CGST	14910=00
	CBF 1500 =00					LR	15890=00
	LWF 15000 =00					CBF	1700=00
	fine 400 =00					LWF	17000=00
	73416=00					fine	350=00
	1425484=00						81920=00
							1596980=00

Ist and final Bill

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me of Work at D.Basavahalli, Sa
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ate	Full description, etc, of work	Nu
	2	
	Work order No :-	B
	Name of Contractor	Sri
		Ye
1	Earth Work excavati involving an average average lift upto o.s dressed. the dispose	